

**Amendments to the Claims**

This listing of claims will replace all prior version, and listings, of claims in the application.

**Listing of Claims:**

1. (currently amended) A method for obtaining instrumentation data in a protocol stack, comprising the steps of:
  - (a) receiving data from a first stack component of the protocol stack by a single layer manager;
  - (b) analyzing the data for instrumentation information by the single layer manager; and
  - (c) routing the data to a second stack component of the protocol stack by the single layer manager.
2. (currently amended) The method of claim 1, wherein the single layer manager interfaces with each stack component of the protocol stack.
3. (currently amended) The method of claim 1, wherein the single layer manager handles data flow to each stack component of the protocol stack.
4. (currently amended) A protocol stack, comprising:
  - a plurality of stack components; and
  - a single layer manager interfaced with each of the plurality of stack components, wherein the single layer manager protocol is instrumented, wherein instrumenting the single layer manager instruments the protocol stack.

5. (currently amended) The protocol stack of claim 4, wherein the single layer manager handles data flow to each of the plurality of stack components.

6. (currently amended) A computer readable medium with program instructions for obtaining instrumentation data in a protocol stack, comprising the instructions for:

(a) receiving data from a first stack component of the protocol stack by a single layer manager;

(b) analyzing the data for instrumentation information by the single layer manager;  
and

(c) routing the data to a second stack component of the protocol stack by the single layer manager.

7. (currently amended) The medium of claim 6, further comprising instructions for the single layer manager to interface with each stack component of the protocol stack.

8. (currently amended) The medium of claim 6, further comprising instructions for the single layer manager to handle data flow to each stack component of the protocol stack.